

FORM PTO-1449 (Modified) US DEPARTMENT OF COMMERCE
 Approved for use through 10/31/2002 US Patent and Trademark Office

**INFORMATION DISCLOSURE CITATION
 in an Application**
 (Use several sheets if necessary)

Docket No. 50623.335 Application No. 10/663,568

Applicant Steven Z. Wu

Filing Date September 15, 2003 Group Art Unit 1615
 Unassigned

U.S. PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date if Appropriate
g/s	A1	4,329,383	5/11/82	Joh	428	36	
	A2	4,733,665	3/29/88	Palmaz	128	343	
	A3	4,800,882	1/31/89	Gianturco	128	343	
	A4	4,882,168	11/21/89	Casey et al.	424	468	
	A5	4,886,062	12/12/89	Wiktor	128	343	
	A6	4,941,870	7/17/90	Okada et al.	600	36	
	A7	4,977,901	12/18/90	Ofstead	128	772	
	A8	5,112,457	5/12/92	Marchant	204	165	
	A9	5,165,919	11/24/92	Sasaki et al.	424	488	
	A10	5,272,012	12/21/93	Opolski	428	423.1	
	A11	5,292,516	3/8/94	Viegas et al.	424	423	
	A12	5,298,260	3/29/94	Viegas et al.	424	486	
	A13	5,300,295	4/5/94	Viegas et al.	424	427	
	A14	5,306,501	4/26/94	Viegas et al.	424	423	
	A15	5,328,471	7/12/94	Slepian	604	101	
	A16	5,330,768	7/19/94	Park et al.	424	501	
	A17	5,380,299	1/10/95	Fearnott et al.	604	265	
	A18	5,417,981	5/23/95	Endo et al.	424	486	
	A19	5,447,724	9/5/95	Helmus et al.	424	426	
	A20	5,455,040	10/3/95	Marchant	424	426	
	A21	5,462,990	10/31/95	Hubbell et al.	525	54.1	
	A22	5,464,650	11/7/95	Berg et al.	427	2.30	
g/s	A23	5,569,463	10/29/96	Helmus et al.	424	426	

EXAMINER *Humera N. Sheikh* DATE CONSIDERED *09/15/06*

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U.S. PATENT DOCUMENTS							
Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date if Appropriate
QS	A24	5,578,073	11/26/96	Haimovich et al.	623	1	
	A25	5,605,696	2/25/97	Eury et al.	424	423	
	A26	5,609,629	3/11/97	Fearnott et al.	623	1	
	A27	5,624,411	4/29/97	Tuch	604	265	
	A28	5,628,730	5/13/97	Shapland et al.	604	21	
	A29	5,649,977	7/22/97	Campbell	623	1	
	A30	5,658,995	8/19/97	Kohn et al.	525	432	
	A31	5,665,382	9/9/97	Grinstaff et al.	424	450	
	A32	5,667,767	9/16/97	Greff et al.	424	9.411	
	A33	5,670,558	9/23/97	Onishi et al.	523	112	
	A34	5,679,400	10/21/97	Tuch	427	2.14	
	A35	5,700,286	12/23/97	Tartaglia et al.	623	1	
	A36	5,702,754	12/30/97	Zhong	427	2.12	
	A37	5,716,981	2/10/98	Hunter et al.	514	449	
	A38	5,735,897	4/7/98	Buirge	623	12	
	A39	5,746,998	5/5/98	Torchilin et al.	424	9.4	
	A40	5,776,184	7/7/98	Tuch	623	1	
	A41	5,788,979	8/4/98	Alt et al.	424	426	
	A42	5,800,392	9/1/98	Racchini	604	96	
	A43	5,820,917	10/13/98	Tuch	427	2.1	
	A44	5,824,048	10/20/98	Tuch	623	1	
QS	A45	5,824,049	10/20/98	Ragheb et al.	623	1	
EXAMINER Sumera Y Sheikh				DATE CONSIDERED 09/15/06			
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Applicant

Steven Z. Wu

Filing Date

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Unassigned 1615

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Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date if Appropriate
Q8	A46	5,830,178	11/3/98	Jones et al.	604	49	
	A47	5,837,008	11/17/98	Berg et al.	623	1	
	A48	5,837,313	11/17/98	Ding et al.	427	2.21	
	A49	5,851,508	12/22/98	Greff et al.	424	9.411	
	A50	5,858,746	1/12/99	Hubbell et al.	435	177	
	A51	5,865,814	2/2/99	Tuch	604	265	
	A52	5,869,127	2/9/99	Zhong	427	2.12	
	A53	5,873,904	2/23/99	Ragheb et al.	623	1	
	A54	5,876,433	3/2/99	Lunn	623	1	
	A55	5,877,224	3/2/99	Brocchini et al.	514	772.2	
	A56	5,925,720	7/20/99	Kataoka et al.	525	523	
	A57	5,955,509	9/21/99	Webber et al.	514	772.7	
	A58	5,971,954	10/26/99	Conway et al.	604	96	
	A59	5,980,928	11/9/99	Terry	424	427	
	A60	5,980,972	11/9/99	Ding	427	2.24	
	A61	5,997,517	12/7/99	Whitbourne	604	265	
	A62	6,010,530	1/4/00	Goicoechea	623	1	
	A63	6,015,541	1/18/00	Greff et al.	424	1.25	
	A64	6,033,582	3/7/00	Lee et al.	216	37	
	A65	6,042,875	3/28/00	Ding et al.	427	2.24	
	A66	6,051,648	4/18/00	Rhee et al.	525	54.1	
	A67	6,051,576	4/18/00	Ashton et al.	514	255	
Q8	A68	6,056,993	5/2/00	Leidner et al.	427	2.25	

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Sumera N. Sheikh

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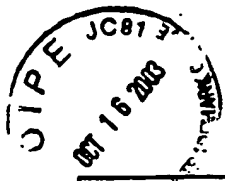
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U.S. PATENT DOCUMENTS							
Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date if Appropriate
AS	A69	6,060,451	5/9/00	DiMaio et al.	514	13	
	A70	6,060,518	5/9/00	Kabanov et al.	514	781	
	A71	6,080,488	6/27/00	Hostettler et al.	428	423.3	
	A72	6,096,070	8/1/00	Ragheb et al.	623	1	
	A73	6,099,562	8/8/00	Ding et al.	623	1.46	
	A74	6,110,188	8/29/00	Narciso, Jr.	606	153	
	A75	6,110,483	8/29/00	Whitbourne et al.	424	423	
	A76	6,113,629	9/5/00	Ken	623	1.1	
	A77	6,120,536	9/19/00	Ding et al.	623	1.43	
	A78	6,120,904	9/19/00	Hostettler et al.	428	423.3	
	A79	6,121,027	9/19/00	Clapper et al.	435	180	
	A80	6,129,761	10/10/00	Hubbell	623	11	
	A81	6,153,252	11/28/00	Hossainy et al.	427	2.3	
	A82	6,165,212	12/26/00	Dereume et al.	623	1.13	
	A83	6,203,551	3/20/01	Wu	606	108	
	A84	6,231,600	5/15/01	Zhong	623	1.42	
	A85	6,240,616	6/5/01	Yan	29	527.2	
	A86	6,245,753	6/12/01	Byun et al.	514	56	
	A87	6,251,136	6/26/01	Guruwaiya et al.	623	1.46	
	A88	6,254,632	7/3/01	Wu et al.	623	1.15	
	A89	6,258,121	7/10/01	Yang et al.	623	1.46	
AS	A90	6,283,947	9/4/01	Mirzaee	604	264	
EXAMINER Afumera N. Sheikh				DATE CONSIDERED 09/15/06			
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Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date if Appropriate
9/8	A91	6,283,949	9/4/01	Roorda	604	288.02	
	A92	6,284,305	9/4/01	Ding et al.	427	2.28	
	A93	6,287,628	9/11/01	Hossainy et al.	427	2.3	
	A94	6,299,604	10/9/01	Ragheb et al.	604	265	
	A95	6,306,176	10/23/01	Whitbourne	623	23.59	
	A96	6,331,313	12/18/01	Wong et al.	424	427	
	A97	6,335,029	1/1/02	Kamath et al.	424	423	
	A98	6,346,110	2/12/02	Wu	606	108	
	A99	6,358,556	3/19/02	Ding et al.	427	2.24	
	A100	6,379,381	4/30/02	Hossainy et al.	623	1.42	
	A101	6,395,326	5/28/02	Castro et al.	427	2.24	
	A102	6,419,692	7/16/02	Yang et al.	623	1.15	
	A103	6,451,373	9/17/02	Hossainy et al.	427	2.25	8/4/00
	A104	6,494,862	12/17/02	Ray et al.	604	96.01	12/30/99
	A105	6,503,556	1/7/03	Harish et al.	427	2.24	12/28/00
	A106	6,503,954	1/7/03	Bhat et al.	514	772.2	7/21/00
	A107	6,506,437	1/14/03	Harish et al.	427	2.25	10/17/00
	A108	6,527,801	3/4/03	Dutta	623	1.46	4/13/00
	A109	6,527,863	3/4/03	Pacetti et al.	118	500	6/29/01
9/8	A110	6,540,776	4/1/03	Sanders Millare et al.	623	1.15	12/28/00
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JS	A111	6,544,223	4/8/03	Kokish	604	103.01	1/5/01
	A112	6,544,543	4/8/03	Mandrusov et al.	424	422	12/27/00
	A113	6,544,582	4/8/03	Yoe	427	2.24	1/5/01
	A114	6,555,157	4/29/03	Hossainy	427	2.24	7/25/00
	A115	6,558,733	5/6/03	Hossainy et al.	427	2.24	10/26/00
	A116	6,565,659	5/20/03	Pacetti et al.	118	500	6/28/01
	A117	6,572,644	6/3/03	Moein	623	1.11	6/27/01
	A118	6,585,765	7/1/03	Hossainy et al.	623	1.45	6/29/00
	A119	6,585,926	7/1/03	Mirzaee	264	400	8/31/00
JS	A120	6,605,154	8/12/03	Villareal	118	500	5/31/01

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JS	A121	2001/0018469	8/30/01	Chen et al.	523	121	
	A122	2001/0037145	11/1/01	Guruwaiya et al.	623	1.15	
	A123	2002/0077693	6/20/02	Barclay et al.	623	1.13	
	A124	2002/0091433	7/11/02	Ding et al.	623	1.2	
	A125	2002/0155212	10/24/02	Hossainy	427	2.25	4/24/01
	A126	2003/0065377	4/3/03	Davila et al.	623	1.13	4/30/02
JS	A127	2003/0099712	5/29/03	Jayaraman	424	486	11/26/01

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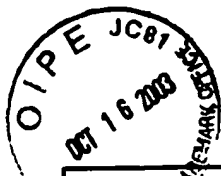
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Examiner Initial	Ref. No.	Document Number	Date of Publication	Country	Class	Subclass	Translation	
							Yes	No
Q/S	B1	EP 0 301 856	2/1/89	European				
	B2	EP 0 514 406	11/25/92	European				
	B3	EP 0 604 022	6/29/94	European				
	B4	EP 0 623 354	11/9/94	European				
	B5	EP 0 665 023	8/2/95	European				
	B6	EP 0 701 802	3/20/96	European				
	B7	EP 0 716 836	6/19/96	European				
	B8	EP 0 809 999	12/3/97	European				
	B9	EP 0 832 655	4/1/98	European				
	B10	EP 0 850 651	7/1/98	European				
	B11	EP 0 879 595	11/25/98	European				
	B12	EP 0 910 584	4/28/99	European				
	B13	EP 0 923 953	6/23/99	European				
	B14	EP 0 953 320	11/3/99	European				
	B15	EP 0 970 711	1/12/00	European				
	B16	EP 0 982 041	3/1/00	European				
	B17	EP 1 273 314	1/8/03	European				
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	B20	WO 95/10989	4/27/95	PCT WO				
Q/S	B21	WO 96/40174	12/19/96	PCT WO				

EXAMINER *Quimera N. Sheikh* DATE CONSIDERED *09/15/06*

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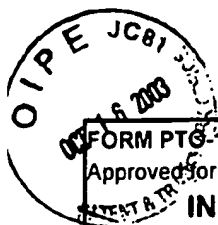
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Examiner Initial	Ref. No.	Document Number	Date of Publication	Country	Class	Subclass	Translation	
							Yes	No
<i>qs</i>	B22	WO 97/10011	3/20/97	PCT <i>WO</i>				
	B23	WO 97/45105	12/4/97	PCT				
	B24	WO 97/46590	12/11/97	PCT				
	B25	WO 98/17331	4/30/98	PCT				
	B26	WO 98/36784	8/27/98	PCT				
	B27	WO 99/01118	1/14/99	PCT				
	B28	WO 99/38546	8/5/99	PCT				
	B29	WO 99/63981	12/16/99	PCT				
	B30	WO 00/02599	1/20/00	PCT				
	B31	WO 00/12147	3/9/00	PCT				
	B32	WO 00/18446	4/6/00	PCT				
	B33	WO 00/64506	11/2/00	PCT				
	B34	WO 01/01890	1/11/01	PCT				
	B35	WO 01/15751	3/8/01	PCT				
	B36	WO 01/17577	3/15/01	PCT				
	B37	WO 01/45763	6/28/01	PCT				
	B38	WO 01/49338	7/12/01	PCT				
	B39	WO 01/74414	10/11/01	PCT				
	B40	WO 02/03890	1/17/02	PCT				
	B41	WO 02/026162	4/4/02	PCT				
	B42	WO 02/34311	5/2/02	PCT				
	B43	WO 02/056790	7/25/02	PCT				
<i>qs</i>	B44	WO 03/000308	1/3/03	PCT <i>WO</i>				

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JS	C14	Inoue et al., <i>An AB block copolymer of oligo(methyl methacrylate) and poly(acrylic acid) for micellar delivery of hydrophobic drugs</i> , Journal of Controlled Release 51:221-229 (1998).
	C15	Kataoka et al., <i>Block copolymer micelles as vehicles for drug delivery</i> , Journal of Controlled Release 24:119-132 (1993).
	C16	Levy et al., <i>Strategies For Treating Arterial Restenosis Using Polymeric Controlled Release Implants</i> , Biotechnol. Bioact. Polym. [Proc. Am. Chem. Soc. Symp.], pp. 259-268 (1994).
	C17	Liu et al., <i>Drug release characteristics of unimolecular polymeric micelles</i> , Journal of Controlled Release 68:167-174 (2000).
	C18	Marconi et al., <i>Covalent bonding of heparin to a vinyl copolymer for biomedical applications</i> , Biomaterials 18(12):885-890 (1997).
	C19	Matsumaru et al., <i>Embolic Materials For Endovascular Treatment of Cerebral Lesions</i> , J. Biomater. Sci. Polymer Edn 8(7):555-569 (1997).
	C20	Miyazaki et al., <i>Antitumor Effect of Implanted Ethylene-Vinyl Alcohol Copolymer Matrices Containing Anticancer Agents on Ehrlich Ascites Carcinoma and P388 Leukemia in Mice</i> , Chem. Pharm. Bull. 33(6) 2490-2498 (1985).
	C21	Miyazawa et al., <i>Effects of Pemirolast and Tranilast on Intimal Thickening After Arterial Injury in the Rat</i> , J. Cardiovasc. Pharmacol., pp. 157-162 (1997).
	C22	Nordrehaug et al., <i>A novel biocompatible coating applied to coronary stents</i> , European Heart Journal 14, p. 321 (P1694), Abstr. Suppl. (1993).
	C23	Ohsawa et al., <i>Preventive Effects of an Antiallergic Drug, Pemirolast Potassium, on Restenosis After Percutaneous Transluminal Coronary Angioplasty</i> , American Heart Journal 136(6):1081-1087 (Dec. 1998).
	C24	Ozaki et al., <i>New Stent Technologies</i> , Progress in Cardiovascular Diseases, Vol. XXXIX(2):129-140 (Sept./Oct. 1996).
	C25	Pechar et al., <i>Poly(ethylene glycol) Multiblock Copolymer as a Carrier of Anti-Cancer Drug Doxorubicin</i> , Bioconjugate Chemistry 11(2):131-139 (Mar./Apr. 2000).
	C26	Peng et al., <i>Role of polymers in improving the results of stenting in coronary arteries</i> , Biomaterials 17:685-694 (1996).
	C27	Shigeno, <i>Prevention of Cerebrovascular Spasm By Bosentan, Novel Endothelin Receptor</i> , Chemical Abstract 125:212307 (1996).
	C28	van Beusekom et al., <i>Coronary stent coatings</i> , Coronary Artery Disease 5(7):590-596 (July 1994).
	C29	Wilensky et al., <i>Methods and Devices for Local Drug Delivery in Coronary and Peripheral Arteries</i> , Trends Cardiovasc. Med. 3(5):163-170 (1993).
JS	C30	Yokoyama et al., <i>Characterization of physical entrapment and chemical conjugation of adriamycin in polymeric micelles and their design for in vivo delivery to a solid tumor</i> , Journal of Controlled Release 50:79-92 (1998).

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